

2032-045 PCT/US-1  
Amendment dated 06/16/2010

10/595,231

03100291aa  
Reply to notice mailed 05/19/2010

The following is a complete listing of all claims in the application, with an indication of the status of each:

**Listing of claims:**

1           1-10. (canceled)

1           11. (previously presented) A composition for a fire-protection agent for  
2           materials, characterized in comprising ceramic-forming additives and volume-  
3           formers, whereby in the event of heating, a volume of a layer formed by the  
4           fire-protection agent is increased by at least 500% in volume, and wherein at  
5           least the ceramic-forming additives and the volume-formers are present in  
6           nanoparticle-coated form.

1           12. (currently amended) A composition for a fire-protection agent for  
2           materials, characterized in comprising ceramic-forming additives and volume-  
3           formers, the combination of ceramic-forming additives and volume-formers  
4           being such as to provide, whereby in the event of heating, a volume of a  
5           ceramic layer formed by the fire-protection agent that is increased by at least  
6           500% in volume, and wherein the ceramic-forming additives and the volume-  
7           formers are present as salts having a particle size of 1 to 50  $\mu\text{m}$ .

1           13-17. (canceled)

1           18. (previously presented) A method of producing a fire protection agent,  
2           characterized in that ceramic-forming additives are added to a volume  
3           forming fire-protection agent, whereby the ceramic-forming additives in the  
4           volume-forming fire-protection agent are present as nanoparticle-coated salts.

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1 19-21. (canceled)

1 22. (currently amended) A composition for a fire-protection agent for  
2 materials, characterized in comprising ceramic-forming additives and volume-  
3 formers, the combination of ceramic-forming additives and volume-formers  
4 being such as to provide, whereby in the event of heating, a volume of a  
5 ceramic layer formed by the fire-protection agent that is increased by at least  
6 500% in volume, characterized in that the ceramic-forming additives are  
7 disodium tetraborate and ammoniumpentaborate.

1 23-26. (canceled)

1 27. (previously presented) The composition of claim 11, wherein said  
2 composition comprises at least two ceramic-forming additives.

1 28. (previously presented) The composition of claim 12, wherein said  
2 composition comprises at least two ceramic-forming additives.

1 29. (previously presented) The method of claim 18, wherein said  
2 ceramic-forming additives comprise at least two ceramic-forming additives.

1 30. (canceled)